

2857

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named  
Inventor : Eric R. Lovegren et al.

Appln. No.: 09/667,297

Filed : September 22, 2000

For : IMPROVED THRESHOLD SETTING  
FOR A RADAR LEVEL TRANSMITTER

Docket No.: R11.12-0701

Group Art Unit: 8855

Examiner: J. West

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**AMENDMENT**

Box Non-Fee Amendment  
Commissioner for Patents  
Washington, D.C. 20231

I HEREBY CERTIFY THAT THIS PAPER IS BEING  
SENT BY U.S. MAIL, FIRST CLASS, TO THE  
ASSISTANT COMMISSIONER FOR PATENTS,  
WASHINGTON, D.C. 20231, THIS

29 DAY OF May, 2002.

PATENT ATTORNEY

Sir:

This Amendment is in response to the Office Action  
mailed on March 14, 2002, in which claims 1-20 were rejected.  
Applicants respectfully request that the above-identified  
application be amended as follows:

IN THE SPECIFICATION

Please replace the paragraph beginning on Page 16, Line 19  
and ending on Page 7, Line 3 with the following paragraph:

At step 70, a threshold calculation sets first threshold  
value T1 as a function of the estimated first pulse amplitude. In  
general, first threshold value T1 is set to a predetermined  
percentage of the estimated first pulse amplitude. The correction  
factor, first dielectric parameter, and second dielectric  
parameter, can be set by an operator who could be, for example,  
communicating with microprocessor system 30 over process control  
loop 26 from control room 24. The operator can set the parameters  
using a computer by either inputting the values with a keyboard  
and/or selecting the values from a table, which can be stored for